Міністерство освіти і науки України Національний технічний університет України «Київський політехнічний інститут імені Ігоря Сікорського» Факультет інформатики та обчислювальної техніки Кафедра обчислювальної техніки

Лабораторна робота № 4 з дисципліни «Основи FE технологій»

на тему

"Доступ до об'єктів і сценаріям. Доступ до властивостей і методів об'єктів"

Виконав:

студент групи ІМ-12

Яременко Данило Вячеславович

Варіант 44(5)

Перевірив:

ст. викладач

Жереб К. А.

Київ 2023

Мета: навчитися використовувати різні способи доступу до властивостей і методів об'єктів для внесення змін в HTML-документ.

Використанні технології: HTML, CSS, JS.

Завдання 1.

У код лаб. роб. №1 додати два файли style.css та script.js.

За допомогою JS реалізувати такі дії:

При першому кліку на елементі сторінці, що має номер по порядку рівний (n mod 10)+1, де n- номер варіанта змінити колір фону та тексту використовуючи метод getElementById (), а при кліку на наступному елементі змінити колір фону та тексту використовуючи метод метод querySelector(). При повторному кліку на відповідних елементах їх кольори фону та тексту змінюються..

Опис реалізації:

- 1. Номера елементів за варіантом: 5 та 6
- 2. За допомогою getElementById отримуємо перший елемент по id, за допомогою querySelector отримуємо другий елемент по id, тільки передаємо з символом "#".
- **3.** Пишемо функцію для додавання та віднімання відповідних классів, на основі яких розфарбовуються елементи.
- **4.** За допомогою addEventListener додаємо подію на клік на перший та другий елемент.

Завдання 2.

Під зображенням додати 4 кнопки, які виконують наведені нижче дії: додати, збільшити, зменшити, видалити зображення.

Опис реалізації:

- 1. Зверстав 4 кнопки під картинкою.
- 2. Додав відповідні події при натисканні на кнопки.

Результат:

Yaremenko Danylo Vyacheslavovych, group IM-12

Date of birth - 26.03.2004, place of birth - Donetsk

Information about education: School No. 88, Donetsk, University - KPI

Hobbies

First hobby: photographing a snail

Third hobby: drinking coffee

Three favorite books or movies

1. Black Panthe

Sixualonguik, a city located in eastern Ukraine, is removated for its picture-sque landscapes, cultural significance, and historical landmarks. Nestled along the banks of the Seversky Donets River, Svyatogorsk is embraced by the serene beauty of the surrounding Donetsk Upland. The city's name derived from the Ressain "Hold Numeriani," allules to the spiritual significance in tholds for both locals and pilatimate alide.

The city's rich history dates back centuries, with traces of its past visible in the architecture of its churches, monasteries, and ancient structures. The Syyotoporok Lavra, a prominent Orthodox monastery perched atop a rocky hill, serves as a prominent spiritual center and a major tourist attraction. In rodden-closened churches and religious critics draw visitors seeking associate spaces, social religious rich control and religious rich care with a religious rich care with respect to the religious that the religious religious rich care with religious religio

Beyond its spiritual prominence, Svyatogorisk also offers natural wonders for visitors to explore. The lush greenery of the surrounding hills, dotted with diverse flora and fauna, presents an ideal setting for outdoor activities such as hiking, trekking, and nature photography. The Seversky Donets River, flowing gracefully through the city, offers opportunities for leisurely boat rides, fishing excursions, and riverside picnics, fostering a sense of tranquility and relaxation for residents and tourists alike.



For more information follow the link: click

Після натискання на перший або другий елемент:

Yaremenko Danylo Vyacheslavovych, group IM-12

Date of birth - 26.03.2004, place of birth - Donetsk

Information about education: School No. 88, Donetsk, University - KPI

Hobbies

Second hobby: working out in the gyr

Three favorite books or movies

l. Black Panthe

Your name

Syndgografi, a city located in eastern Ukrame, is renowned for its picture-que lankscape, cultural significance, and historical landmarks. Nestled along the banks of the Seversky Dones Kiver, Nystogorsk is embraced by the serene beauty of the surrounding Donestik Upland. The city's name derived from the Krissian "Holly Mountain," alloles to the spiratual significance is holds for both locals and pigirams allole.

The city's rich history dates back centuries, with traces of its past visible in the architecture of its churches, monasteries, and ancient structures. The Svyatogorik Lavra, a prominent Orthodox monastery perched atop a rocky hill, serves as a prominent spiritual center and a major touris attraction. Its golden-domed churches and religious relics draw visitors seeking solace, spiritual rejuvenation, and a glimpse into the region's deep-rooted religious heritage.

Beyond its spiritual prominence, Svyatogorsk also offers natural wonders for visitors to explore. The lush greenery of the surrounding hills, dotted with diverse flora and fauna, presents an ideal setting for outdoor activities such as hiking, trekking, and nature photography. The Seversky Donets River, flowing gracefully through the city, offers opportunities for leisurely boat rides, fishing excursions, and riverside picnics, fostering a sense of tranquility and relaxation for residents and tourists alike.



For more information follow the link: click

Збільшення картинки:

Three favorite books or movies

Syvatogensk, a city located in eastern Ukraine, is renowned for its picturesque landscapes, cultural significance, and historical landmarks. Nestled along the banks of the Seversky Donets River, Syvatogorsk is embraced by the serene beauty of the surrounding Donetsk Upland. The city's name derived from the Russian "Holy Mountain," alludes to the spiritual significance it holds for both locals and pilgrims alike.

The city's rich history dates back centuries, with traces of its past visible in the architecture of its churches, monasteries, and ancient structures. The Styatogorsk Lavra, a prominent Orthodox monastery perched atop a rocky hill, serves as a prominent spiritual center and a major tourist attraction. Its golden-domed churches and religious relics draw visitors seeking solace, spiritual rejuvenation, and a glimpie into the region's deep-rooted religious heritage.

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Зменшення картинки:

Yaremenko Danylo Vyacheslavovych, group IM-12

Hobbies

Three favorite books or movies

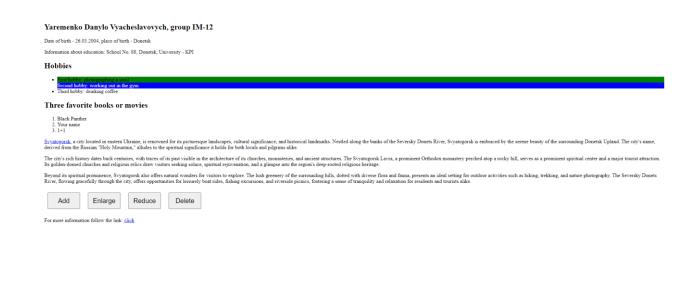
Styvatogorsk, a city located in eastern Ukraine, is renowned for its picture-sque landscapes, cultural significance, and historical landmarks. Nestled along the banks of the Seversky Donets River, Svyatogorsk is embraced by the serene beauty of the surrounding Donetsk Upland. The city's name derived from the Russian "Holy Mountain," alludes to the spiritual significance it holds for both locals and pilgrims alike.

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Видалення картинки:



Додавання картинки:



Pages, repository.

Інструкція щодо запуску локально:

1. Склонувати репозиторій:

git clone https://github.com/DanilYaremenko/FrontBasicsLabs.git

2. Запустити index.html.